

ABSTRACT

By increasing an area of the fluid discharge ports to increase a discharge capacity, drain water can quickly be discharged. Furthermore, the number of fluid supply ports is increased and the ports are equally spaced to thereby quickly and uniformly fill a heated steam or the like into a bladder. As a result, it is possible to reduce a cycle time of a tire vulcanizing step to thereby increase productivity in a fluid supply/discharge head of the bladder in a tire vulcanizing machine.

In the tire vulcanizing machine, the fluid supply ports 71 and the fluid discharge ports 61 which are open to face an inside of the bladder are formed in the head block 50, the fluid discharge ports are disposed on the lower side of the head block, the fluid supply ports are disposed on the upper side of the head block, and the fluid discharge ports and the fluid supply ports are not disposed on the same plane.